

DERWENT-ACC- 1999-186607

NO:

DERWENT- 200233

WEEK:

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TITLE: Lubricant for hot rolling comprises aq. soln. contg. iron oxide, reduced anhydride of sodium silicate, starch or modified starch and xanthan gum

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PRIORITY-DATA: 1997JP-208626 (July 16, 1997)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
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JP 11035967 A	February 9, 1999	JA
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JP 3275255 B2	April 15, 2002	JA
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APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
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JP 11035967A	N/A	1997JP-208626	July 16, 1997
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JP 3275255B2	Previous Publ	1997JP-208626	July 16, 1997
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**INT-CL-
CURRENT:**

TYPE

IPC DATE

CIPP	<u>B21 B 27/10</u> 20060101
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CIPS	<u>C10 M 173/02</u> 20060101
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CIPN	<u>C10 N 10/02</u> 20060101
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CIPN	<u>C10 N 10/16</u> 20060101
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CIPN	<u>C10 N 30/06</u> 20060101
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CIPN	<u>C10 N 40/24</u> 20060101
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ABSTRACTED-PUB-NO: JP 11035967 A

BASIC-ABSTRACT:

A **lubricant** for hot rolling comprises aq. soln. contg. 10.0-40.0 pts.wt. iron oxide, 5.0-30.0 pts.wt. reduced anhydride of sodium silicate, 0.1-5.0 pts.wt. starch or modified starch and 0.01-1.0 pt.wt. xanthan gum. Also claimed is : a method for **lubricating** a horizontal **disk roll** type guide shoe the rotating axis of which is vertical to the ground, arranged on an inclined roll mill for mfg. seamless steel pipe comprises applying the liquid to the surface of the guide shoe under keeping the temp. of the shoe at 0-150 deg C using an air spray gun and also making the discharging pressure 0.2-1.5 MPa and the amount of application 50-300 g/m squared.

USE - The **lubricant** is suitably used for a **disk roll** type guide shoe of an inclined roll mill.

ADVANTAGE - The **lubricant** gives improved **lubrication** to the guide shoe without sacrificing spray applicability and enables it to produce hot mill products having improved quality.

TITLE-TERMS: **LUBRICATE** HOT ROLL COMPRISE AQUEOUS SOLUTION CONTAIN IRON OXIDE REDUCE ANHYDRIDE SODIUM SILICATE STARCH MODIFIED XANTHAN GUM

DERWENT-CLASS: A97 H07 M21 P51

CPI-CODES: A03-A00A; A03-C02; A10-E01; A12-W02A; H07-A; H07-F; M21-A06;

ENHANCED-POLYMER-INDEXING: Polymer Index [1.1] 018 ; D01 D11 D10 D23 D22 D31 D42 D50 D76 D86 F24 F29 F26 F34 H0293 P0599 G3623 R01863 107779; M9999 M2391;

Polymer Index [1.2] 018 ; D01 P0599 G3623 R16377 110577;

Polymer Index [1.3] 018 ; ND01; Q9999 Q7841;

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: 1999-055130

Non-CPI Secondary Accession Numbers: 1999-137152